

CLAIMS:

1. An input-parameter setup supporting method for a simulation framework in which:

values of plural kinds of input parameters are set from an input display unit;

simulation is executed on a processing unit;  
and

design values which are execution results of the simulation are output using an output display unit,

wherein the processing unit for performing the input-parameter setup supporting comprises the steps of:

receiving the individual design values which are the execution results, and the plural kinds of input parameters corresponding to the individual design values;

for the plural kinds of input parameters corresponding to design values which satisfy one or more design conditions, among the design values obtained through the simulation, obtaining accumulative distribution in distribution of input values of parameters every kind of input parameter, and extracting the input values of parameters to be referred, every kind of input parameter based on a value of the accumulative distribution;

displaying by an input interface the kind of input parameter, the extracted input values, and the number of the extracted input values every kind of

input parameter; and

permitting a user to set values of the plural kinds of input parameters from the input display unit by referring to the display.

2. An input-parameter setup supporting method according to claim 1, wherein when it is determined that the accumulative distribution for the input value of one parameter in a certain kind of input parameters is isolatively larger than the accumulative distribution for the input values of the other parameters, the input values of parameters in the certain kind of input parameters are fixed to the input value of the one parameter, and a display concerning the certain kind of input parameters is excluded from the display on the input interface.

3. An input-parameter setup supporting method according to claim 1, wherein:

directories of files corresponding to the input values of parameters are constructed; and

a file for storing the design values which are execution results of the simulation corresponding to the individual directories and the plural kinds of input parameters corresponding to the design values is constructed under a hierarchical structure of the directories.

4. An input-parameter setup supporting method according to claim 1, wherein other design values obtained as existing experimental results and other

plural kinds of input parameters corresponding to the other design values are used in combination with the design values obtained through the simulations and the plural kinds of input parameters corresponding to the design values.

5. An input-parameter setup supporting method for a simulation framework in which:

plural sets of values of plural kinds of input parameters are set from an input display unit;

simulations for the individual sets are executed in parallel in a plurality of processing units connected through a network; and

design values which are execution results of the simulations are output using an output display unit,

wherein the processing unit for performing the input-parameter setup supporting comprises the steps of:

receiving the individual design values which are the execution results, and the plural kinds of input parameters corresponding to the individual design values;

for the plural kinds of input parameters corresponding to design values which satisfy one or more design conditions, among the design values obtained through the simulations, obtaining accumulative distribution in distribution of input values of input parameters every kind of input

parameter, and extracting the input values of parameters to be referred, every kind of input parameter based on a value of the accumulative distribution;

displaying by an input interface the kind of input parameter, the extracted input values, and the number of the extracted input values every kind of input parameter; and

permitting a user to set the values of the plural kinds of input parameters from the input display unit by referring to the display.